

CLAIMS

What is claimed to be new and desired to be protected by Letters Patent is set forth in the appended claims.

I claim:

1. A portable apparatus for flushing the undercarriage of a vehicle, comprising:
 - a) a water source for providing water to the apparatus;
 - b) a first pump for pumping water to the apparatus from said water source;
 - c) a water supply hose for conveying water to the apparatus from said water source;
 - d) a plurality of elongated conduits for conveying water, said conduits each having a plurality of orifices therein to permit water to be sprayed onto the vehicle;
 - e) a plurality of unions for joining said conduits together;
 - f) a pair of outside conduit sections formed from said conduits being substantially horizontally disposed on each outer side of the vehicle, each of said

outside conduit sections having first and second opposing ends, wherein each of said first ends is oriented toward the front of the vehicle, wherein each of said outside conduit sections are disposed parallel to the outer side of the vehicle to permit the outside of the vehicles to be cleaned;

g) a cross connector formed from said conduits being disposed between said pair of outside conduit sections for cross connecting said pair of outside conduit sections, said cross connector being substantially perpendicularly disposed to said outside conduit sections, said cross connector being joined to said first end of said outside conduit sections;

h) means for a manifold disposed substantially intermediate said cross connector whereby the manifold has multiple rotatable threaded joints which can be rotated relative to each other to allow the apparatus to lay flat on an unlevel surface;

i) at least one center conduit section formed from said conduits being substantially horizontally disposed between and parallel to said pair of outside conduit sections for washing the center part of the undercarriage of the vehicle, said center conduit sections having first and second opposing ends, wherein said first end is oriented toward the front of the vehicle, wherein said first end is joined to said means for a manifold; and,

j) a pair of ramps wherein one ramp is disposed under each cross connector between said outside conduit sections and said means for a manifold to provide a ramp for the wheels of the vehicle to travel over as the vehicle is cleaned by the apparatus.

2. The apparatus of Claim 1, further comprising a riser being disposed on each of said first ends of said outside conduit sections for cleaning the wheel wells and outside surface of the vehicle.

3. The apparatus of Claim 2, wherein said risers are disposed angularly to the horizontal plane wherein water spray from said risers forms an angle ranging from 30 degrees to 90 degrees relative to the horizontal plane.

4. The apparatus of Claim 3, wherein said risers comprise rotatable joints wherein said joints rotate from 30 degrees to 90 degrees relative to the horizontal plane.

5. The apparatus of Claim 4, wherein said means for a manifold comprises a plurality of conduits comprising rotatable joints, wherein said joints connect said conduits to form said manifold, wherein said manifold further comprises a plurality of unions for joining other conduits thereto.

6. The apparatus of Claim 5, wherein said ramp and said cross connectors are manufactured as a single piece.

7. The apparatus of Claim 6, wherein said orifices comprise a slot configuration for providing a fan spray of water.

8. The apparatus of Claim 7, wherein said water source and said first pump are portably disposed on a separate vehicle to permit the water source and pump to be moved about.

9. The apparatus of Claim 8, wherein said water source comprises detergent for cleaning the undercarriage of the vehicle.

10. The apparatus of Claim 9, wherein said water source comprises insecticide for removing insects from the undercarriage of the vehicle.

11. The apparatus of Claim 10, further comprising a portable containment vessel being disposed around said pair of outside conduit sections, said cross connector, said means for a manifold, said center conduit section and said pair of ramps to permit the water therefrom to be contained.

12. The apparatus of Claim 11, further comprising a portable sump pump being disposed in said containment vessel, further comprising a portable holding tank to permit water to be pumped by the sump pump from the containment vessel to the holding tank.

13. The apparatus of Claim 12, further comprising a portable second

pump and a portable filter system for pumping water from said holding tank, through said filter system and into said water source to provide a recirculating water system.

14. The apparatus of Claim 13, wherein said filter system comprises a centrifugal filter.

15. The apparatus of Claim 14, wherein said filter system comprises a strainer.

16. The apparatus of Claim 15, wherein said filter system comprises a wound cartridge filter.